

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: February 4, 2000, 09:57:12 : Search time 77.23 Seconds
(without alignments)
3991.215 Million cell updates/sec

Title: US-08-973-815-1
Perfect score: 2661
Sequence: 1 CTGAACGCTGACCTCTGA.....AAAAAAAAAAAAAAAAAAAA 2661

Scoring table: IDENTITY_NUC

Searched: 207703 seqs, 57918364 residues

Database: Issued_Patents_NA:*

Word size: 0

Number of hits that pass the threshold : 415406

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/5C_COMB.seq:*
- 4: /cgn2_6/ptodata/1/ina/5D_COMB.seq:*
- 5: /cgn2_6/ptodata/1/ina/PCTUS9_COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1045.4	39.3	1055	3	US-08-468-012A-1
2	151.2	5.7	1208	2	US-08-640-765A-2
3	147.6	5.5	1039	1	US-07-895-300A-2
4	147.6	5.5	1039	5	PCT-US93-05136-2
5	147.6	5.5	1039	5	PCT-US93-10519-1
6	146	5.5	1039	2	US-08-458-367-2
7	109.8	4.1	1648	4	US-08-491-988-13
8	109.8	4.1	1624	4	US-08-491-988-14
9	109.8	4.1	1615	4	US-08-491-988-15
10	69.6	2.6	246240	3	US-08-724-394A-20
11	69.6	2.6	246240	3	US-08-724-394A-21
12	69.6	2.6	246240	3	US-08-724-394A-22
13	65	2.4	31571	1	US-08-323-443B-1
14	63.8	2.4	31558	4	US-08-687-080-105
15	62.2	2.3	246240	3	US-08-724-394A-20
16	62.2	2.3	246240	3	US-08-724-394A-21
17	62.2	2.3	246240	3	US-08-724-394A-22
18	61.6	2.3	15328	4	US-08-888-497-33
19	61.6	2.3	15328	5	PCT-US94-07926-33
20	61.2	2.3	7210	3	US-08-257-963B-10
21	61.2	2.3	7210	5	PCT-US95-07201-10
22	61.2	2.3	22481	5	PCT-US95-07201-43
23	60.8	2.3	320	1	US-08-629-939-5
24	60.8	2.3	320	1	US-08-759-873-5
25	60.6	2.3	3647	1	US-07-914-281-7
26	60.6	2.3	3647	1	US-08-393-246-7
27	60.6	2.3	3647	2	US-08-525-058A-7
28	60.6	2.3	3742	2	US-08-694-915-5
29	60.6	2.3	3647	4	US-08-696-731-7
30	60.6	2.3	3647	5	PCT-US91-00899-4
31	60.4	2.3	8878	1	US-08-206-176-3
32	60.4	2.3	3267	3	US-08-257-963B-12
33	60.4	2.3	3267	5	PCT-US95-07201-12

34	60.4	2.3	22481	5	PCT-US95-07201-43
35	60.2	2.3	12047	4	US-09-022-461-1
36	59.8	2.2	5220	3	US-08-777-405A-1
37	59.8	2.2	5220	3	US-08-777-871A-1
38	59.8	2.2	5220	4	US-09-225-951-1
39	59.2	2.2	4517	5	PCT-US93-06251-83
40	59	2.2	11613	1	US-08-484-044-10
41	59	2.2	6340	2	US-08-187-785-3
42	59	2.2	1811	2	US-08-848-252-1
43	58.8	2.2	3035	2	US-08-726-725-2
44	58.8	2.2	7452	5	PCT-US94-07644A-1
45	58.6	2.2	17327	1	US-07-906-871-15

ALIGNMENTS

RESULT 1
US-08-468-012A-1
: Sequence 1, Application US/08468012A
: Patent No. 5830744
: GENERAL INFORMATION:
: APPLICANT: RUBEN, ET AL.
: TITLE OF INVENTION: Human Dnase
: NUMBER OF SEQUENCES: 5
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: CARELIA, BYRNE, BAIN, GILFILLAN,
: STREET: 6 BECKER FARM ROAD
: CITY: ROSELAND
: STATE: NEW JERSEY
: COUNTRY: USA
: ZIP: 07068
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 INCH DISKETTE
: COMPUTER: IBM PS/2
: OPERATING SYSTEM: MS-DOS
: SOFTWARE: WORD PERFECT 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/468,012A
: FILING DATE: 6 JUNE 1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/US94/04954
: FILING DATE: 5 MAY 1994
: ATTORNEY/AGENT INFORMATION:
: NAME: MULLINS, J.G.
: REGISTRATION NUMBER: 33,073
: REFERENCE/DOCKET NUMBER: 325800-428
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 201-994-1700
: TELEFAX: 201-994-1744
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1055 BASE PAIRS
: TYPE: NUCLEIC ACID
: STRANDEDNESS: SINGLE
: TOPOLOGY: LINEAR
: MOLECULE TYPE: CDNA
US-08-468-012A-1

Query Match 39.3%; Score 1045.4; DB 3; Length 1055;
Best Local Similarity 99.4%; Pred. No. 2.4e-245;
Matches 1049; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy	791	AGCCATGCACATACCACTGCTCTTCTCTATCTGCGCAATGGCCAGGCGCTT	850
Db	1	AGCCATGCACATACCACTGCTCTTCTCTATCTGCGCAATGGCCAGGCGCTT	60
Qy	851	TGCGATCGCGCTTCAATGCGCGCTGACACTGCGCAATGGCCAGGCGCTT	910
Db	61	TGCGATCGCGCTTCAATGCGCGCTGACACTGCGCAATGGCCAGGCGCTT	120

QY 1189 TCTCTTTGCCACCAATGCTCTCCAGCGCTGGTGGTCCCGCTGCACACCACTCCTA 1248
DB 442 TCACGCGCCCTTCACTGCTGCGAAGGACTTCGTGATGTCCTTGCACACAACCTCTG 501
QY 1249 AGCCCGTAGAAGAGGAGCTGAAGCCCTCTACGATGTGTTTCTGGAGGTCTCCAGCACT 1308
DB 502 AACCCTCCGTTAAGAGATAGATGAGTGGCTGACGCTACACGGATTTAGAGACGAT 561
QY 1309 GCGAGCAGCAGGAGCTGATCCTGCTGGGAGCTTCAATGCTGAGCTGCGCTTCACTGACCA 1368
DB 562 GGAAGCAGAGATTTTCATCTTCATGCTGATTTCAATGCTGCTGAGCTACGTCGCCCA 621
QY 1369 AAGAGCCCTGGACAGCTGGAGCTGCGGAGCTGAGCAGGCTTCCACTGGGTGCTGCCG 1428
DB 622 AGAAGCCCTGGAGAGACATCCGTTTGGAGCAGACCCCACTTTGTTGGCTGATGGGG 681
QY 1429 ATGGGAGGAGACACACAGTGGGCGGAGCAGCCCACTGCACCTATGACCGCTGCTGTGC 1488
DB 682 ACCAAGAGACACACAGGTCAGAGAGCAGCAGCTGTGCTATGACAGGATTTGCTGTTT 741
QY 1489 ACGG-----GGAGCGCTGCCGAGTCTGCTGCACACTGCGGCTGCCCTTGACTTCCCA 1542
DB 742 GCGGACAAGAGATAGTCAACTCTGTGTCTCCCGCTCCAGTGGCTCTTTCAGTTTCA 801
QY 1543 CGAGCTTCAGCTACCGAGGAGGAGGCCCT---CAACATCAGTGACCACTACCCCGTGG 1599
DB 802 AAGCTTATGAGTTGTCTGAAGAGGAGGCCCTGGATGATGTCAGTGACCACTTTCAGTTG 861
QY 1600 AGGTGGAGCTGA 1611
DB 862 AGTTAAGCTAA 873

RESULT 3

US-07-895-300A-2
; Sequence 2, Application US/07895300A
; Patent No. 5279823
; GENERAL INFORMATION:
; APPLICANT: Frenz, John
; APPLICANT: Shire, Steven J.
; APPLICANT: Sliwowski, Mary B.
; TITLE OF INVENTION: PURIFIED FORMS OF DNase
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/895,300A
; FILING DATE: 19920608
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hensley, Max D.
; REGISTRATION NUMBER: 27,043
; REFERENCE/DOCKET NUMBER: 747
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1039 bases

; TYPE: NUCLEIC ACID
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-07-895-300A-2

Query Match 5.5%; Score 147.6; DB 1; Length 1039;

Best Local Similarity 53.0%; Pred. No. 5e-27;
Matches 424; Conservative 0; Mismatches 349; Indels 27; Gaps 4;

QY 835 ATGGGGCCCGAGGCTTCGATCTCGCTTCAATGCCCGGCTGACACTGGCCAAAG 894
DB 212 AGGGGGCGGTCTCCCTGAAGATCGCAGCTTCAACATCCAGACATTTGGGGAGACCA 271
QY 895 TGGCCAGGAGCAGGTGATGGACACCTTAGTTTCGGATACCTGCTGCTGTGACATCATGG 954
DB 272 TGTCCAATGCCACCTCGTCAGCTACATTTGTGCAGATCCTGAGCGCTATGACATCGCC 331
QY 955 TGCTCCAGAGGTGTAGACTTTCGGGAGCGCCATCCCCCTCTGCTTCGAGAACTCA 1014
DB 332 TGGTCCAGGAGGTCAAGACACGCCACTGACTGCGGTGGGGAAGCTGTGGACAACTCA 391
QY 1015 ATCGATTTGATGGCTCTGGGCCCTACAGCACCTGAGCAGCCCCAGCTGGGGCGCAGCA 1074
DB 392 ATC---AGGATGCACAGACACCTATACCTAGTGGTCACTGAGCCACTGGGACCGAACA 448
QY 1075 CTTACATGGAGACGCTATGTACTTCTATCGGTTCACACAAAACACAGGTCCTTGTCTT 1134
DB 449 GCTAAGAGGAGCGCTACCTGTTCTGTGTACAGGCTGACCAGGTCTCGGGTGGACAGCT 508
QY 1135 ACGTGTACAAGAT-----GAGGATGAGCTCTTTGCCGGGAGCCATTTG 1179
DB 509 ACTACTAGCATGATGGCTGCGAGCCCTGCGGGAAGCAGACCTTCAACGAGAGCCAGCCA 568
QY 1180 TGGCCCACTTCTTTTGGCCAGCAATGCTTCCAGCGCTGTGTGTTGGTCCCGCTGCACA 1239
DB 569 TTGTCAGGTTCTTCTCCCGGTTACAGAGGTCAGGAGGTTTCCCATTTGTTCCCTGTCATG 628
QY 1240 CCACCTCTTAAGGCCGTAGAGAAGGAGCTGAACGCCCTCTACGATGTGTTCTTGGAGGTCT 1299
DB 629 CGGCCCCGGGGAGCGCAGTAGCCGAGATCGAGCTCTCTATGACCTTACCTGGATGTC 688
QY 1300 CCCAGCACTGGCAGAGCAAGGAGCTGATGCTGCTTTGGGAGCTTCAATGCTGACTGCGTT 1359
DB 689 AAGAGAAATGGGCTTGGAGGAGCTCATGTTGATGGGAGCTTCAATGCGGCTGCAGCT 748
QY 1360 CACTGACCAAAAGCCCTGGACAGCTGGAGCTCGGAGCTGAGCCAGGCTTCCACTGGG 1419
DB 749 ATGTGAGACCCCTCCAGGTGGTCACTCCGCTCTGACAAAGCCCCACCTTCCAGTGGC 808
QY 1420 TGATGGCGATGGGAGGAGCAGCAGTGGCGGCGAGCAGCCACTGCACTATGACCGG 1479
DB 809 TGATCCCGAGCAGCTGACACACAG---CTACACCCAGCAGCTGTGCTATGACAGGA 865
QY 1480 TCGTGTCTCACGGGAGCGCTGCCGGAG-----TCTGTCACACACTGCGGCTGCTTTG 1533
DB 866 TCGTGTTCAGGAGTGTGCTCCGAGGCGGCTGTTGTTCCCGACTCGGCTCTTCCCTTTA 925
QY 1534 ACTTCCCGACAGCTTCCAGCTCAGCAGGAGGAGGCGCTCAACATCAGTGTGACCACTACC 1593
DB 926 ACTTCCAGGCTGCCTATGCGCTGAGTGACCAACTGGCCCAAGCCATCAGTGACCACTATC 985
QY 1594 CCGTGGAGGTGAGCTGAAG 1613
DB 986 CAGTGGAGGTGATGCTGAAG 1005

RESULT 4

PCT-US93-05136-2
; Sequence 2, Application PC/TUS9305136
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: PURIFIED FORMS OF DNase

Qy	835	ATGGGGCCAGGCGCTTTGCATCTCGCGCTTCAATGCCCAGCGGCTGCACACTGGCCAAAGG	894
Db	212	AGGGGGCGTGTCCCTGAAGATTTCGAGATTCGACACATCTTCAACATTCACACATTTGGGGAGACCAAGA	271
Qy	895	TGGCCAGGAGCAGCGTGTATGGACACCTTAGTTTCGGATACTGGCTCGCTGTGCATCATGCG	954
Db	272	TGTCCAATGCCACCCCTGTCTACCTACATTGTGCAGATCCTGAGCCGCTATGACATATCGCCC	331
Qy	955	TGCTGCAGGAGTGTGTAGACTCTTCGGCAGGCGCCATCCCCCTCTGCTTCGAGAACTCA	1014
Db	332	TGGTCCAGGAGGTACAGACAGACGCCACCTGACTGCCGTGGGAAGCTGCTGGCAACCTCA	391
Qy	1015	ATCGNATTTATGGGCTCTGGGCGCTTACAGCACCTGTAGCAGCCCCCAGCTGTGGGCGCAGCA	1074
Db	392	ATC---AGSATGCACACAGACACTATCACTACGTGTGTCAATGTGAGCGCACTGGGACGGAA	448
Qy	1075	CCTACATGGAGAGCTATGTGTACTTCTATCGGTTCACAAAAACACAGGTCCTTGAGTTCT	1134
Db	449	GCTATAAGCAGCGCTACCTGTTCTGTGTACAGGCTGCACAGGTGTCTGCGGTGGACAGCT	508
Qy	1135	ACGTGTACACGAT-----GAGGATGACGTCTTTGCCCGGGAGCCATTGTG	1179
Db	509	ACTACTACGATGATGGCTGCGAGCCCTGCGGGAACGACACCTTCAACCGAGAGCCAGCCA	568
Qy	1180	TGGCCCACTCTCTTTGGCCCAAGTATGCTTCCCGAGCCTGGTGTGGTCCCGCTGCACA	1239
Db	569	TTGTGAGGTTCTTCTCCCGGTTTCACAGAGGTTCAGGAGTTTGCCATGTTCCCGCTCATG	628
Qy	1240	CCACTCTCTTAAGCGCCTAGAGAAGGAGCTGAAGCGCCCTCTACGATGTGTTCTTGAGAGTCT	1299
Db	629	CGGCCCCGGGGACGCAGTAGCCGAGATCGACGCTCTCTATGACGTCTACCTGGATGTC	688
Qy	1300	CCCAGCACTGGCAGAGCAGGACGTGATCCCTGTTGGGACATTCAATGCTGACTGGCGCTT	1359
Db	689	AAGAGAAATGGGCGCTTGGAGGACGTCATGTTATGGCGACTTCAATGGCGGCTGCAGCT	748
Qy	1360	CACGTACCAAAAAGCGCTGGACAAGCTGAGCTCGGACTGAGCCAGGCTTCCACTGGG	1419
Db	749	ATGTGAGACCTCCCACTGCTGATCCATCCGCTGTGGACAGCCCCCACTTCCAGTGGC	808
Qy	1420	TGATTGCCGATGGGAGGACACACAGTGGCGCCAGCACCCCACTGCACTATGACCGGG	1479
Db	809	TGATCCCCGACAGCGCTGACACCCACAG---CTACACCCACGCACTGTGCTTATGACAGGA	865
Qy	1480	TCGTGCTGCACGGGAGCGCTGCCGGAG-----TCTGCTGCACACTGGCGCTGCCTTTG	1533
Db	866	TCGTGGTTTGCAGGGATGTGCTCCGAGGCGCGTGTTCGCCACTGGGCTCTTCCCTTTA	925
Qy	1534	ACTTCCCCACAGCTTCCAGCTCAACGAGGAGGAGGCCCTCAACATCACTGACCTACCTAC	1593
Db	926	ACTTCCAGGCTGCCCTATGGCTGTAGTGACCACTGGCCCCAAGCCATCACTGACCACTATC	985
Qy	1594	CCGTGGAGGTGGAGCTGAAG	1613
Db	986	CAGTGGAGGTGATGCTGAAG	1005

RESULT

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RESUL
US-08-458-367-2
: Sequence 2, Application US/08458367
: Patent No. 5783433
: GENERAL INFORMATION:
: APPLICANT: Frenz, John
: APPLICANT: Shire, Steven J.
: APPLICANT: Sliwowski, Mary B.
: TITLE OF INVENTION: PURIFIED FORMS OF DNase
: NUMBER OF SEQUENCES: 18
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Genentech, Inc.
: STREET: 460 Point San Bruno Blvd
: CITY: South San Francisco
: STATE: California
: COUNTRY: USA

```

```

, ZIP: 94080
,
, COMPUTER READABLE FORM:
, MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
, COMPUTER: IBM PC compatible
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: WinPatin (Genentech)
,
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/08/458,367
, FILING DATE: 02-Jun-1995
, CLASSIFICATION: 435
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: 08/409631
, FILING DATE: 22-Mar-1995
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: 08/348284
, FILING DATE: 30-No. 5783433-1994
,
, PRIOR APPLICATION DATA: 08/116186
, APPLICATION NUMBER: 08/116186
, FILING DATE: 02-Sep-1993
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: 07/895300
, FILING DATE: 08-Jun-1992
,
, ATTORNEY/AGENT INFORMATION:
, NAME: Johnston, Sean A.
, REGISTRATION NUMBER: 35,910
, REFERENCE/DOCKET NUMBER: P0747C4
,
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 415/225-3562
, TELEFAX: 415/952-9881
,
, TELEX: 910/371-7168
,
, INFORMATION FOR SEQ ID NO: 2:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 1039 base pairs
, TYPE: Nucleic Acid
, STRANDEDNESS: Single
, TOPOLOGY: Linear
,
, US-08-458-367-2

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[illegible]

Db 529 CGGCCCGGGGACGAGTACCGGAGATCGAGCGCTCTCTATGACGTCTACCTGGATGTCC 588
Qy 1300 CCCAGCACTGGCAGAGCAAGGAGTATGCTCTCTGGGAGCTTCAATGCTGACTGGCTT 1359
Db 689 AAGAGAAATGGGCTTGGAGGAGCGTATGTTGATGGGCGACTTCAATGGGCTGAGCT 748
Qy 1360 CACTGACCAAAAGGCTTGGACAGCTGGAGCTGGGAGCTGAGCAGGCTTCCACTGGG 1419
Db 749 ATGTGAGACCTCCCGAGTGGTCTATCATCGGCTTGTGGACAAAGCCCACTTCCAGTGC 808
Qy 1420 TGATTGCGATGGGAGGACACACAGTGGGCGGAGGAGGAGGAGGAGGAGGAGGAGG 1479
Db 809 TGATCCCGAGAGCGCTGACACACAG---CTACACCCAGCGACTGTGCTATGACAGGA 865
Qy 1480 TCGTGTCTGACGGGAGGCTGCGGAG-----TCTGTGACACACTGCGGCTGCTTTG 1533
Db 866 TCGTGTGACGGGATGCTGCTCCGAGGCGGTGCTTCCGAGCTCGGCTCTTCCCTTTA 925
Qy 1534 ACTTCCCGAGGCTTCACTGACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1593
Db 926 ACTTCCAGGCTGCTTATGCTGAGTACCAACTGGCCCAAGCCATCAGTACCACTATC 985
Qy 1594 CCGTGGAGTGGAGTGAAG 1613
Db 986 CAGTGGAGGTGATGCTGAAG 1005

RESULT 7

US-08-491-988-13
; Sequence 13, Application US/08491988
; Patent No. 5973116
; GENERAL INFORMATION:
; APPLICANT: EPENETOS, AGAMENNON A.
; APPLICANT: SPOONER, ROBERT A.
; APPLICANT: DEONARAIN, MAHENDRA
; TITLE OF INVENTION: Compounds for targeting
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MCAULAY NISSEN GOLDBERG KIEL & HAND, LLP
; STREET: 261 MADISON AVENUE
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10016-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/491.988
; FILING DATE: 18-DEC-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: GOLDBERG, JULES E.
; REGISTRATION NUMBER: 24,408
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-986-4090
; TELEFAX: 212-818-9479
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1648 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
US-08-491-988-13

Query Match 4.1%; Score 109.8; DB 4; Length 1648;
Best Local Similarity 52.5%; Pred. NO. 9.5e-18;
Matches 374; Conservative 0; Mismatches 312; Indels 27; Gaps 5;

Qy 920 CTTAGTTCGGATACTGCTGCTGTGACATCATGCTGCTGCTGCTGCTGCTGCTGCTGCT 979
Db 930 CATCGTACGATCGTACGCGGTTACGATATCGTCTGATCCAGAGTTCGCGACTCTCA 989
Qy 980 CGGAGGGGATCCCGCTCTGCTGCTGAGAACATCATGATGATGCTGCTGCTGCTGCTGCT 1039
Db 990 CTTGGTTCAGTTCGTAACCTTCTAGACTACCTGAACC---AGGACGACCCGACACCTA 1046
Qy 1040 CAGCACCTCAGCAGCCCCAGCTGGGCGCAGCACCTACATGAGAGACGATGATGCTGCT 1099
Db 1047 CCACTAGTTCGTAACCTTCTGCGGCTTAATCTTAAAGAACGCTGCTGCTGCT 1106
Qy 1100 CTATCGGTACACAAACACAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1153
Db 1107 GTTCCGTCGCAACAAAGTTTTCAGTACTGATACCTACCTACGACGACGATCGAATC 1166
Qy 1153 -----ATGAGCTTTTCCCGGAGGACCATTTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1204
Db 1167 TTGCGGTAAAGACTCTTCTCCGGAACCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1226
Qy 1205 TGTCTTCCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1264
Db 1227 CAAGGTTAAAGATTCGCTATCGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1286
Qy 1265 GCTGAACGCGCTCTAGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1324
Db 1287 AATCAACTCTCTGACGCTTTTACCTGGAGCTTCAGCAGAAATGGACCTGAACGAGCT 1346
Qy 1325 GATCTGCTGGGAGCTTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1384
Db 1347 CATGCTGATGGTGAATTCACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1406
Qy 1385 GCTGGAGCTGGGAGCTGAGCCAGCTTCCACTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1444
Db 1407 GATTCGCTGCGCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1466
Qy 1445 AGTGGGCGGCGCAGCAGCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1503
Db 1467 CG---CTACTAGTACCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1523
Qy 1504 GGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1558
Db 1524 GTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1583
Qy 1559 CGAGGAGGAGGCTTCAATCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1611
Db 1584 GAACGAAATGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1636

RESULT 8

US-08-491-988-14
; Sequence 14, Application US/08491988
; Patent No. 5973116
; GENERAL INFORMATION:
; APPLICANT: EPENETOS, AGAMENNON A.
; APPLICANT: SPOONER, ROBERT A.
; APPLICANT: DEONARAIN, MAHENDRA
; TITLE OF INVENTION: Compounds for targeting
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MCAULAY NISSEN GOLDBERG KIEL & HAND, LLP
; STREET: 261 MADISON AVENUE
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10016-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/491,988
FILING DATE: 18-DEC-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: GOLDBERG, JULES E.
REGISTRATION NUMBER: 24,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-986-4090
TELEFAX: 212-818-9479
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 1624 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
US-08-491-988-14

Query Match 4.1%; Score 109.8; DB 4; Length 1624;
Best Local Similarity 52.5%; Pred. No. 9.4e-18;
Matches 374; Conservative 0; Mismatches 312; Indels 27; Gaps 5;

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QY 920 CTTAGTTCGGACTGCTCGCTGTGACATCATGGTGTGCGAGGAGGTGGTAGACTCTTC 979
    |||||
Db 906 CATCGTACGCATCGTACCGCGTTACGATATCGTCTGATCCAGGAAGTTCGCGACTCTCA 965
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QY 980 CGCAGCGCCATCCCCCTCTCGCTTCGAGACTCAATCGATTGATGCTCTGGGCCCTA 1039
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Db 966 CTGGTTCAGTTCGTAATCTTAGACTACTGAACCC---AGGACGACCCGGAACACTA 1022
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QY 1040 CAGCACCTGAGCAGCCCCCAGCTGGGCGCAGCACCTACATGAGAGCTATGTACTTT 1099
    |||||
Db 1023 CCAGTGTGTTCTGAACCCCTCGGCGTAACTCTTACAAAGAACGCTACCTGTTCT 1082
    |||||

QY 1100 CTATCGGTACACAAACACAGGCTCTGAGTTCCTAGCTGTACACAGCTAGG----- 1153
    |||||
Db 1083 GTTCCGTCGCAACAAAGTTTTCAGTACTGGATACCTACAGTACGACGAGCTGGAATC 1142
    |||||

QY 1153 -----ATGACGCTTTTGGCGGGAGCCATTTGTGGCCCGAGTCTCTTTGGCCAGCAA 1204
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Db 1143 TTGCGGTAAAGAGTTCGCTATCGTTGCTCTGCACAGCGCGCGCTGACGCTGTGCTGA 1262
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QY 1205 TGTCCTTCCAGCTGTGTGTTGGTCCGCTGCACACACTCTTAAGCGGTAGAGAAGGA 1264
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Db 1203 CAAGTTAAAGAGTTCGCTATCGTTGCTCTGCACAGCGCGCGCTGACGCTGTGCTGA 1262
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QY 1265 GCTGAAGCGCCCTACGATGTGTTCTGAGGCTCTCCAGCAGCTGGCAGAGAGGAGCT 1324
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Db 1263 AATCAACTCTGTACGACGTTTACCTGGAGTTTCAGCAGAGAATGGCACCTGACGAGCT 1322
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QY 1325 GATCCGTCTGGGACTTCAATGCTGACTGGCTTCACTGACCAAAAAGCGCTGGACAA 1384
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Db 1323 CATGCTGATGGGTGACTTCAACGCTGACTGCTTTATGTAACTCTTCTCAGTGGTATC 1382
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QY 1385 GCTGGAGCTCGGACTGAGCAGGCTTCCACTGGTGTGATTCGCGATGGGAGGACACC 1444
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Db 1383 GATTCGCTCGGACCTCTGTCGACCTTCCAGTGTGCTATCCCGACTCCGCTGACACCAC 1442
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QY 1445 AGTGGCGGCGCAGCACCTACCTATGACCGGGTGG---TGCTGCACCGGGAGCGCTGCC 1503
    |||||
Db 1443 CG---CTACTAGTACCAACTGCGGTACGACCGTATCGTTGCTGGATCCCTGCTGCA 1499
    |||||

QY 1504 GGAGTCTGCTGCAAC-----ACTGGCGGTGCTTTGACTTCCCGAGAGTCTCCAGCTCAC 1558
    |||||
Db 1500 GTCTTCTGTTGACCGGTAGCGCGGCGCCGCTTCGACTTCCAGGCTGCATATGCTCTTC 1559
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QY 1559 CGAGGAGGAGGCGCTCAACATCAGTACCACTACCCCGCTGGAGGTGGAGCTGA 1611
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Db 1560 GAACGAAATGGCGTGCCCACTCTGTATCATCTACCCCGTTGAGGTAAACCCCTGA 1612
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RESULT 9
US-08-491-988-15
Sequence 15, Application US/08491988
Patent No. 5973116
GENERAL INFORMATION:
APPLICANT: EPENETOS, AGAMENNON A.
APPLICANT: SPOONER, ROBERT A.
APPLICANT: DEONARAIN, MAHENDRA
TITLE OF INVENTION: Compounds for targeting
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: MCAULAY NISSEN GOLDBERG KIEL & HAND, LLP
STREET: 261 MADISON AVENUE
CITY: NEW YORK
STATE: NY
COUNTRY: USA
ZIP: 10016-2391
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/491,988
FILING DATE: 18-DEC-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: GOLDBERG, JULES E.
REGISTRATION NUMBER: 24,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-986-4090
TELEFAX: 212-818-9479
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 1615 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
US-08-491-988-15

Query Match 4.1%; Score 109.8; DB 4; Length 1615;
Best Local Similarity 52.5%; Pred. No. 9.4e-18;
Matches 374; Conservative 0; Mismatches 312; Indels 27; Gaps 5;

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QY 920 CTTAGTTCGGACTGCTCGCTGTGACATCATGGTGTGCGAGGAGGTGGTAGACTCTTC 979
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Db 897 CATCGTACGCATCGTACCGCGTTACGATATCGTCTGATCCAGGAAGTTCGCGACTCTCA 956
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QY 980 CGGAGCGGCATCCCCCTCTCGCTTCGAGAACTCAATCGATTGATGGCTCTGGGCCCTA 1039
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Db 957 CTGTTGTCAGTTGTTAACTTCTAGACTACCTGAACC---AGGACGACCCGGAACACTA 1013
    |||||

QY 1040 CAGCACCTGAGCAGCCCCCAGCTGGGCGCAGCACCTACATGGAGAGCTATGTACTTT 1099
    |||||
Db 1014 CCATACGTTGTTTCTGAACCCCTCGGCGTAACTCTTACAAAGAACGCTACTCTTCT 1073
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QY 1100 CTATCGGTACACAAACACAGGCTCTGATTCCTACGTGTACACAGCTAGG----- 1153
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QY 1153 -----ATGACGCTTTTGGCCGGAGCCATTTTGGCCCCAGTCTCTTTTGGCCAGCAA 1204
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QY 1205 TGTCCTTCCAGCTGTGTTGGTCCCGTGCACACACTCTCCTAAGCGCGTAGAGAAGA 1264
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Db 1194 CAAGGTAAAGAGTTCGCTATCGTTGCTCTGCACAGCGCGCTGACGCTGTGCTGA 1253
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QY 1265 GCTGAACCCCTCTACGATGTGTTCTTGGAGCTCTCCAGCACTGGCAGACGAGGAGCT 1324
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Db 1254 AATCAACTCTCTGTACGAGGTTTACTGGACGTTTCAGGAGAATGGCACTTGAACGACGT 1313
QY 1325 GATCCTGTCTGGGAGCTTCAATGCTGACTGCGCTTCACTGACCAAAAAGCGCTGGACAA 1384
Db 1314 CATGCTGATGGTGACTTCAACGCTGACTGCTCTTATGTAACCTCTTCTCAGTGGTCATC 1373
QY 1385 GCTGGAGCTGGGAGCTGAGCAGGCTTCCACATGGGAGTATGCGGATGGGAGGACACACC 1444
Db 1374 GATTGCTGTGGGCACTCGTTCACGCTTCCAGTGGCTGATCCCGGACTCCGCTGACACACC 1433
QY 1445 AGTGGGGCCAGCAGCCACTGACCTATACACGCGTCG-TGCTGACGGGAGCGCTGCC 1503
Db 1434 CG---CTACTAGTACCAACTGCGCTTACACCGGTATCGTGTGCTGGGATCCCTGCTGCA 1490
QY 1504 GGAGTCTGCTGCAC-----ACTGCGGCTGCCCTTGTGACTTCCCGACGAGCTTCCAGCTCAC 1558
Db 1491 GTCCTCTGTTAGCCGGTAGCGGCGGCCGCTTGCAGCTTCCAGGCTGCATATGGTCTTTC 1550
QY 1559 CGAGGAGAGGCGCTACATCAGTACGACACACACACACACACACACACACACACACAC 1611
Db 1551 GAAGGAATGGCGTGGCCATCTCTGATCAGTACACCGGTTGAGGTAACCGCTGA 1603

RESULT 10

US-08-724-394A-20/c
; Sequence 20, Application US/08724394A
; Patent No. 5872237
; GENERAL INFORMATION:
; APPLICANT: Feder, John N.
; APPLICANT: Kronmal, Gregory S.
; APPLICANT: Lauer, Peter M.
; APPLICANT: Ruddy, David A.
; APPLICANT: Thomas, Winston
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
; TITLE OF INVENTION: Sequences and Antibodies Thereto
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/724,394A
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitts, Renee A.
; REGISTRATION NUMBER: 35,136
; REFERENCE/DOCKET NUMBER: 017957-000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 246240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..246240
; OTHER INFORMATION: /note= "HLA-H.CONTIG"

US-08-724-394A-20

Query Match 2.6%; Score 69.6; DB 3; Length 246240;
Best Local Similarity 77.8%; Pred. No. 4.7e-07;
Matches 84; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
QY 1 CTGTGAGCGCTGACCTCGTATCCACCGCCTCAGCCCTCCCAAAAGTGTGGGATTACAGGC 60
Db 197200 CTCAAACTCTGACCTTGTGACCAACCGCCTCGGCCTCCCAAAAGTGTGGGATTACAGGC 197141
QY 61 ATGAGCCACCCAGCCCGCCCAATATTTATTTATTTTAAATTTT 108
Db 197140 GTGAGCCACCGTCCCGCCCTTGACATTTCTGAAATTTTACAGGTAT 197093

RESULT 11

US-08-724-394A-21/c
; Sequence 21, Application US/08724394A
; Patent No. 5872237
; GENERAL INFORMATION:
; APPLICANT: Feder, John N.
; APPLICANT: Kronmal, Gregory S.
; APPLICANT: Lauer, Peter M.
; APPLICANT: Ruddy, David A.
; APPLICANT: Thomas, Winston
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
; TITLE OF INVENTION: Sequences and Antibodies Thereto
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/724,394A
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitts, Renee A.
; REGISTRATION NUMBER: 35,136
; REFERENCE/DOCKET NUMBER: 017957-000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 246240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..246240
; OTHER INFORMATION: /note= "HLA-H.CONTIG"

US-08-724-394A-21

Query Match 2.6%; Score 69.6; DB 3; Length 246240;
Best Local Similarity 77.8%; Pred. No. 4.7e-07;
Matches 84; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
QY 1 CTGTGAGCGCTGACCTCGTATCCACCGCCTCAGCCCTCCCAAAAGTGTGGGATTACAGGC 60
Db 197200 CTCAAACTCTGACCTTGTGACCAACCGCCTCGGCCTCCCAAAAGTGTGGGATTACAGGC 197141

ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/687,080
FILING DATE: 17-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/592,126
FILING DATE: 26-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600-0111.30
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 13158 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 5' END OF INTRON 21 OF RAD50 GENOMIC
INDIVIDUAL ISOLATE: SEQUENCE

US-08-687-080-105

Query Match 2.4%; Score 63.8; DB 4; Length 13158;
Best Local Similarity 85.5%; Pred. No. 3.5e-06;
Matches 71; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
QY 20 ATCCACCGCCTCAGCCTCCCAAGTGTGGGATACAGGATGAGCCACGCGCCAGC 79
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Db 323 ATCCACCGCCTCGCCCTCCCAAGTGTGGGATACAGGATGAGCCACGCGCCAGC 382
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Q 80 CCATAATTATTGATTTTAA 102
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Db 383 CCCTCATTTTCTCTTAAATA 405

RESULT 15
US-08-724-394A-20
Sequence 20, Application US/08724394A
Patent No. 587237
GENERAL INFORMATION:
APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 587237el
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and CREW LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: CA

COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 246240 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1,246240
OTHER INFORMATION: /note= "HLA-H.CONTIG"
US-08-724-394A-20

Query Match 2.3%; Score 62.2; DB 3; Length 246240;
Best Local Similarity 85.3%; Pred. No. 2.9e-05;
Matches 81; Conservative 0; Mismatches 13; Indels 1; Gaps 1;
QY 1 CTTGAGCGCTGACCTCGT-ATCCACCGCCTCAGCCTCCCAAGTGTGGGATACAGG 59
|||||
Db 75350 CTTGATCTCTGACCTCGTGTGATTCACCCACCTCAGCCTCCCAAGTGTGGGATACAGG 75409
|||||
QY 60 CATGAGCCACGAGCCGCCCATATTTATTGAT 94
|||||
Db 75410 CGTGAGCCACTGCACCGGCTTACTTGTAT 75444

Search completed: February 4, 2000, 12:37:44
Job time: 9632 sec

Mon Feb 7 11:07:17 2000

us-08-973-815-1.rni

Page 11